

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	"20050130856".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:01
L3	62	"svarcas, laimute".in. or "cleveland, william".in. or "petric, john".in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/04 14:02
L4	3778	L3 or lubrizol.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/04 14:02
L5	91	L4 and lubric\$4 and (anti adj oxidant or antioxidant or anti-oxidant or oxidation adj inhibitor) same amine and (isostear\$3 or tetraethylenepentamine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/04 14:04
L6	618	508/287,454.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:05
L7	251	44/58,75,73,330,427.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:05
L8	856	L6 or L7	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:06
L9	116	L8 and (mannich or mannick) same dispersant and (anti adj oxidant or antioxidant or anti-oxidant or oxidation adj inhibitor) same2 amine	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:09
L10	17	("3772359"   "4320020"   "4425138"   "4663063"   "4705643"   "4708809"   "4724091"   "5025316"   "5264005"   "6193767"   "6242394"   "6348075"   "6391833"   "6458172"   "4025316"   "20040083729").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:11

L11	426	"20020095916"(US-PGPUB) "20050130856"(US-PGPUB) "4254745"(USPAT) "4258669"(USPAT) "4312305"(USPAT) "4353331"(USPAT) "4357916"(USPAT) "4370959"(USPAT) "4437437"(USPAT) "4485769"(USPAT) "4538568"(USPAT) "4543919"(USPAT) "4552106"(USPAT) "4558670"(USPAT) "4791894"(USPAT) "4805571"(USPAT) "4813387"(USPAT) "4831820"(USPAT) "4834032"(USPAT) "4872433"(USPAT) "4899698"(USPAT) "4917054"(USPAT) "4922865"(USPAT) "4938192"(USPAT) "4966000"(USPAT) "4977875"(USPAT) "4979476"(USPAT) "4996953"(USPAT) "5189996"(USPAT) "5228414"(USPAT) "5265566"(USPAT) "5311854"(USPAT) "5322043"(USPAT) "5345897"(USPAT) "5351657"(USPAT) "5365893"(USPAT) "5383427"(USPAT) "5437251"(USPAT) "5443045"(USPAT) "5454352"(USPAT) "5505172"(USPAT) "5507253"(USPAT) "5537973"(USPAT) "5699758"(USPAT) "5950588"(USPAT) "6138634"(USPAT) "6145488"(USPAT) "6152102"(USPAT) "6379411"(USPAT) "6551385"(USPAT)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:12
L12	10	(lubrica\$5 or fuel) and isostearic same2 (polyamine or pentamine) and (Mannich or Mannick) same2 (ethylenediamine or dimethylamine) and amine same2 (anti adj oxidant or antioxidant or anti-oxidant or oxidation adj inhibitor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:14

L13	78	((direct or fuel) near injection or DFI) and ("two-stroke" or two adj stroke or twostroke or "2-stroke" or "2" adj stroke) and (antioxidant or anti adj oxidant or "anti-oxidant").bi.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:15
L14	107	("two-stroke" or two adj stroke or twostroke or "2-stroke" or "2" adj stroke) and Mannich same dispersant and (antioxidant or anti adj oxidant or "anti-oxidant").bi.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/04 14:16
L15	2	((lubrica\$5 or fuel) and isostearic same2 (polyamine or pentamine) and (Mannich or Mannick) same2 (ethylenediamine or dimethylamine) and amine same2 (anti adj oxidant or antioxidant or anti-oxidant or oxidation adj inhibitor)	FPRS; EPO; JPO; DERWENT	OR	ON	2010/02/04 14:21
L16	10	\$4stearic and (polyamine or pentamine) and (Mannich or Mannick)	FPRS; EPO; JPO; DERWENT	OR	ON	2010/02/04 14:22
L18	36	\$4stearic and (polyamine or pentamine) and dispersant	FPRS; EPO; JPO; DERWENT	OR	ON	2010/02/04 14:23
L19	5	("two-stroke" or two adj stroke or twostroke or "2-stroke" or "2" adj stroke) and Mannich same dispersant and (antioxidant or anti adj oxidant or "anti-oxidant").bi.	FPRS; EPO; JPO; DERWENT	OR	ON	2010/02/04 14:24

**EAST Search History (Interference)**

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**2/ 4/ 2010 3:56:55 PM****C:\Documents and Settings\vvasisth\My Documents\EAST\Workspaces\10511247.wsp**